

L 31970-65
ACCESSION NR: AP5004379

ured by the torque method. The thermomagnetic treatment consisted of heating the sample to 250C, keeping it at this temperature for 15 minutes in a field of 15,000 Oe, and cooling it slowly in this field to room temperature at a rate of 1 deg/min. The magnetic anisotropy was measured as a rule in a field of 24,500 Oe. The results showed that the proposed phenomenological formula

$$+ 2U_4(a_1\beta_1(a_2\beta_2 + a_1\beta_1)).$$

with constants $U_1 = -1.5 \times 10^5$, $U_2 = -3.0 \times 10^5$, $U_3 = 1.3 \times 10^5$, and $U_4 = 2.0 \times 10^5$ erg/cm³ describes the anisotropy induced in the crystal. The results also show that the thermomagnetic treatment of the hexagonal axis is well explained

the easy magnetization directions under various conditions is briefly discussed. Orig. art. has: 4 figures and 10 formulas.

ASSOCIATION: Institut kristallografi Akademii Nauk SSSR (Institute of Crystallography, Academy of Sciences SSSR)

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ACCESSION ER: AP5004379

SUBMITTED: 11/16/64

RECL: (0)

SUB CODE: SS, EM

AR DAY NOV: 1964

OTHER: 10

Card 3/3

L 23780-66 T/EWP(t) IJP(c) JD

ACC NR: AP6012805

SOURCE CODE: GE/0030/66/014/002/0485/0490

AUTHOR: Simsa, Z.; Zaleskiy, A. V.; Zaveta, K. 48
B

ORG: [Simsa; Zaveta] Institute of Solid State Physics, Czechoslovak Academy of Sciences, Prague; [Zaleskiy] Institute of Crystallography, Academy of Sciences SSSR, Moscow

TITLE: Electrical properties of single crystals of hexagonal ferrites with the W structure

SOURCE: Physica status solidi, v. 14, no. 2, 1966, 485-490

TOPIC TAGS: electric property, single crystal, hexagonal ferrite, ferrite, resistivity, temperature dependence, thermoelectric measurement

ABSTRACT: Single crystals of a hexagonal ferrite of composition $\text{BaFe}_{18}\text{O}_{27}$ with the W-structure are found to have anisotropic electrical conductivity, which is believed to be an intrinsic property of the material. From the temperature dependence of electric resistivity, and from thermoelectric measurements, it is concluded that electron hopping between Fe^{2+} and Fe^{3+} ions plays a prominent role in the conduction process. The possible origin of the anisotropy in conductivity is discussed in relation to specific features of the W-structure. The

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authors thank Dr. S. Krupicka for interest in, and the support of, this work. Orig. art. has: 1 table, 3 figures, and 2 formulas. [Author's abstract] [KS]

SUB CODE: 20/ SUBM DATE: 28Jan66/ ORIG REF: 001/ SOV REF: 002/
OTH REF: 003/

Card 2/2

2-
ACC NR: AP6010980 SOURCE CODE: UR/0056/66/050/003/0595/0604

AUTHORS: Yamzin, I. I.; Sizov, R. A.; Zheludev, I. S.;
Perekalina, T. M.; Zaleskiy, A. V.

ORG: Institute of Crystallography, Academy of Sciences SSSR
(Institut kristallografi Akademii nauk SSSR)

TITLE: Spin ordering and magnetocrystalline anisotropy in single
crystals of $\text{BaCo}_{18-x}\text{Fe}_x\text{O}_{27}$ ferrites

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50,
no. 3, 1966, 595-604

TOPIC TAGS: ferrite, single crystal, magnetic anisotropy, neutron
diffraction, nuclear spin, Curie point, temperature dependence, spin
wave theory

ABSTRACT: This is a continuation of earlier work by the authors
(ZhETF v. 46, 1985, 1964). In this paper new data are presented on
the magnetic anisotropy energy of the ferrite system under discussion.
The crystals were grown by the Verneuil method and were the same as

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used in the earlier investigation. In view of the fact that the fer-rites investigated exhibit various types of magnetic anisotropy at low temperatures, the authors used a neutron diffraction method to investigate the influence of the cobalt ions on the positions of the spin ordering axis in these crystals in the temperature range from 77K to the Curie temperature. The temperature dependence of the mag-netic anisotropy constants was investigated in the same range of temperatures and compared with the theory. The same samples were used to obtain neutron diffraction patterns as were used in the in-vestigation of the magnetic anisotropy. The results show that the spin directions coincide with the directions of the total magnetiza-tion vectors of the crystals. The data also indicate that the experi-mental results can be fully reconciled with a theoretical formula deduced by Ye. A. Turov from the phenomenological theory of spin waves (Fizicheskiye svoystva magnitouporyadochennykh kristallov [Physical Properties of Mangetically Ordered Crystals], AN SSSR, 1963), without need to make allowance for any particular structure model. Orig. art. has: 7 figures, 3 formulas, and 3 tables.

SUB CODE: 20/ SUBM DATE: 25Oct65/ ORIG REF: 003/ OTH REF: 009

Card

2/2

U-1

L 16092-65 EWT(1)/EWT(m)/EWP(t)/EED-2/EWP(b) IJP(c)/ESD(t)/ESD(dp)/
SSD/AFNL S/0056/64/047/005/1693/1698

ACCESSION NR: AP5000316

AUTHORS: Fonton, S. S.; Zaleskiy, A. V.

TITLE: Magnetostriction of single-crystal hexagonal ferrite
 $\text{BaFe}_{18}^{0} \text{O}_{27}$

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47,
no. 5, 1964, 1693-1698

TOPIC TAGS: barium inorganic compound, ferrite, single crystal,
magnetostriction

ABSTRACT: Inasmuch as the magnetostriction of many hexagonal oxide
ferromagnets (barium ferrites) has not yet been investigated, the
authors carry out experimental magnetostriction studies of single
crystal $\text{BaFe}_{16}^{2+}\text{Fe}_{2}^{3+}\text{O}_{27}$ (structure W). The crystals were obtained by
the Verneuil method. The magnetostriction was measured with the
aid of wire-wound tension gauges, using a bridge method. The discs

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could be placed in the gap of an electromagnet capable of producing a field up to 26,000 Oe, and could be rotated relative to the direction of the magnetic field. Reduction of the plots of the magnetostriction as a function of the angle and of the external applied field leads to the following values for the constants of the empirical formula given for the anisotropic part of the magnetostriction by W. Mason (Phys. Rev. 96, 302, 1954): $\lambda_A = 13 \times 10^{-6}$, $\lambda_B = 3 \times 10^{-6}$, $\lambda_C = -23 \times 10^{-6}$, $\lambda_D = 3 \times 10^{-6}$. The results are compared with those obtained for cobalt and the reasons for the differences are discussed. Orig. art. has: 4 figures and 6 formulas.

ASSOCIATION: Institut kristallografii Akademii nauk SSSR (Institute of Crystallography, Academy of Sciences SSSR)

SUBMITTED: 03Jun64

ENCL: 00

SUB CODE: SS

NR REF SOV: 000

OTHER: 004

Card 2/2

ZALESSKIY, A.V.; PEREKALINA, T.M.

Induced magnetic anisotropy in the single-crystal hexagonal
ferrite BaCo_{1.5}¹⁰16.5O₂₇. Zhur. eksp. i teor. fiz. 48 no.1:
94-102 Ja '65. (MIRA 18:4)

1. Institut kristallografii AN SSSR.

ZALESSKIY, A.Ye. (Minsk)

Soluble groups and cross products. Mat. Sbor. 67 no.1:154-160
My '65. (MIRA 18:5)

ZALESSKIY, A.Ye.

Hypersolvable and nilpotent subgroups of simple algebras.
Dokl. AN BSSR 7 no.12:800-802 D '63. (MIRA 17:8)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.
Predstavleno akademikom AN BSSR V.I. Krylovym.

ZALESSKIY, A.Ye. (Minsk)

Solvable subgroups of a multiplicative group of a locally finite algebra. Mat. sbor. 61 no.4:408-417 Ag. '63. (MIRA 16:9)

ZALESSKIY, A.Ye.

Solvable subgroups of a multiplicative group of simple algebra.
Dokl. AN BSSR 7 no.2:80-82 F 1963. (MIRA 16:7)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.
Predstavleno akademikom AN BSSR V.I., Krylovym.
(Groups, Theory of)

ZALESSKIY, A.Ye.

Solvable subgroups of a multiplicative group of a locally
finite algebra. Dokl. AN BSSR 7 no.4:228-229 Ap '63.
(MIRA 16:11)

1. Institut matematiki i vychislitel'noy tekhniki AN BSSR.
Predstavleno akademikom AN BSSR V.I. Krylovym.

TALESSKIY, A.Ye.

Semisimplicity of cross products. Sib. mat. zhur. 6 no.5:1009-1013
(MIRA 18:10)
1965.

ZALESSKIY, B.; SINYAKOV, I.

Conference on the "Projection of the upper mantle." Izv. AN
SSSR.Ser.geol. 28 no.5:117-121 My '63. (MIRA 17:4)

*The pumice deposits of Am. M. Zakhin and V. Petrov.
Trav. Inst. Petrol. Acad. Sci. U. S. S. R. 1, 41-60(1931);
Neser Jahrb. Mineral. Geol. 1933. Referate II, 471-3.—
A chem. analysis of pumice shows no unusual features.
J. F. Schaller*

CA

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND CROSS

3RD AND 4TH CROSS

The tuff deposits of Artik. B. Zakharil and V. Petrov.
Trav. Inst. Petrog. Acad. Sci. U. S. S. R. 1, 72-8 (1931);
Neues Jahrb. Mineral. Geol. 1933, Abstr. 11, 437 &
Analyses of andesite-basalt, alkali-diorite and red tuff
are given.
J. F. Schairer

OPEN

COMMON ELEMENTS

WATER-SOLUBLE INDEX

COMMON AND RARE EARTH INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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ZALESKIY, B.V.

Physicomechanical and petrographic problems of rock in connection with
evaluation of its resistance to drilling. Trudy Inst. Geol. Nauk No.89,
Petrograf. Ser. No.28, 13-19 '48.
(CA 47 no.22:12153 '53)

ZALESKIY, B.V.; ROZANOV, Yu.A.; PERVUKHINA, Ye.Ye.; TOLSTIKHINA, K.I.

Deposits of natural mineral pigments in the Moscow and Riazan districts.
Trudy Inst. Geol. Nauk No.89, Petrograf. Ser. No.28, 127-49 '48.
(CA 47 no.22:12143 '53)

8

CH

Physical properties of limestone. from the Myachkovo
horizon. B. V. Zaleskiĭ, V. Ya. Stepanov, and K. P.
Florenskii. *Trudy Inst. Geol. Nauk, Akad. Nauk S.S.S.R.*
No. 121, *Petrog. Ser.* No. 36, 88-100 (1950).--Chem., phys.,
and mech. properties of limestones from several deposits are
described. M. Huseh

ZALESSKIY, B. V.

26322 I chirvinskaya, O.P. k voprosu ob otsenke gornykh norod kak zapolniteley
v betone. Sbornik nauch rabot po vyazhushchim materialam. M., 1949, s. 175-89
Bibliogr: 5-nazv

SO: LETOPIS' NO. 35, 1949

BELIKOV, B.P.; ZALESSKIY, B.V., otvetstvennyy redaktor.

³[Method of studying tectonic fissures in deposits of building and facing stone] O metode izucheniia treshchinnoi tektoniki nestorozhdenii stroitel'nogo i oblitsivoch'nogo kamnia. Moskva, Izd-vo Akademii nauk SSSR, 1953. 36 p.

(MLRA 7:4)

(Building stones)

ZALESSKIY, B.V.; ROZANOV, Yu.A.

Physicomechanical experiment in petrography. (In: Soveshchanie po eksperimental'noi mineralologii i petrografii. 4th, Moscow, 1952. Trudy, Moskva, 1953. No.2, p.22-29). (MLRA 7:3)

1. Laboratoriya fiziko-mekhanicheskikh issledovaniy gornykh porod Instituta geologicheskikh nauk Akademii nauk SSSR. (Petrology)

ZALLESSKIY, B.V.

AFANAS'YEV, G.D., doktor geologicheskikh-mineralogicheskikh nauk, redaktor;
BARSANOV, G.P., redaktor; VOROB'YEVA, O.A., redaktor; ZALLESSKIY, B.V.,
redaktor; LAPIN, V.V., redaktor; LEHNEDEV, A.P., redaktor; MALIVKIN,
V.V., akademik, redaktor; PETROV, V.P., redaktor; TSVETKOV, A.I.,
redaktor; DOLGOPOLOV, N.N., sostavitel'.

¹⁴[Problems in petrology and mineralogy] Voprosy petrografii i minera-
logii. Vol. 2, Moskva, 1953. 496 p. (MLRA 7:4)

1. Akademiya nauk SSSR.

(Petrology) (Mineralogy)

ZALESSKIY, B.V.; BELIKOV, B.P.

Petrographic and mechanical characteristics of granites of the
U.S.S.R. (In: Akademiia nauk SSSR. Voprosy petrografii i minera-
logii. Moskva, 1953. Vol. 2, p.456-476) (MLRA 7:4)
(Granite)

ZALESSKIY, B. V.

262T42

USSR/Geology - Obituary

Jul/Aug 53

"Academician Dmitriy Stepanovich Belyankin (Obituary)," G. D. Afanas'yev, B. P. Belikov, OIA.
Vorob'yeva, B. V. Zalevskiy, V. V. Lapin, V. P. Petrov

Iz Ak Nauk SSSR, Ser Geol, No 4 pp 5-12

Announce demise of D. S. Belyankin (23 Aug 1876-20 Jun 1953), prominent geologist and petrographer of USSR.

ZALISSKIY, B. V., ROZANOV, Yu. A.

"The Relation of Physicomechanical Properties of Rocks to their Lithologic and Petrographic Properties," paper presented at the First All-Union Conference on Tectonophysics, Moscow, 29 January through 5 February 1957.

Institute of Geology of Deposits of Useful Minerals, Academy of Sciences
USSR

Sum 1563

ZALESSKIY, B.V.

Methods of studying physical and mechanical properties of rocks.
Trudy IOGN no. 13:3-9 '58. (MIRA 11:7)
(Building stones)

ZALESSKIY, B.V.; SANINA, Ye. A.

Study of differential porosity of carbonate rocks in the Samara
Bend. Trudy IGEM no. 13:15-23 '58. (MIRA 11:7)
(Samara Bend--Carbonates(Mineralogy))

ZALSSKIY, B.V.; TIMCHENKO, I.P.

Structural-lithological characteristics and physical-mechanical
properties of carbonates in the Sok deposit. Trudy IGEM
no. 13:49-60 '58. (MIRA 11:7)
(Sok Valley--Carbonates (Mineralogy))

ZALESSKIY, B.V., prof., otv. red.

[Physicomechanical properties of rocks] Fiziko-mekhanicheskie svoistva gornyykh porcd. Moskva, Izd-vo "Nauka," 1964. 141 p. (MIRA 17:7)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii.

AFANAS'YEV, G.D.; BELINOV, B.P.; ZALESSKIY, B.V.; KUPLETSKIY, B.M.;
LAPIN, V.V.; PETROV, V.P.; USTIYEV, Ye.A.

On the tenth anniversary of D.S. Beliankin. Izv. AN SSSR.
Ser. geol. 28 no.10:103 0 '63. (MIRA 16:11)

ROZANOV, Yuriy Alekseyevich; ZALESSKIY, B.V., prof., otv.red.; SHEYNMAN, V.S., red.izd-va; YEGOROVA, N.R., tekhn.red.

[Experimental investigation of the deformation of rocks at high pressures and temperatures up to 200°C] Eksperimental'nye issledovaniia deformatsii gornyykh porod pri vysokikh davleniyakh i temperature do 200°C. Moskva, Izd-vo Akad.nauk SSSR, 1962. 82 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.66). (MIRA 15:7) (Rock pressure)

ZALESSKIY, B.V.

Use of volcanic tuffs and tuff lavas as building materials.
Trudy Lab. vulk. no.20:220-222 '61. (MIRA 14:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR.

(Armenia--Volcanic ash, tuff, etc.)
(Building materials)

S/169/62/000/008/008/090
E202/E192

AUTHORS: Zaleskiy, B.V., and Rozanov, Yu.A.
TITLE: Methods of studying physico-mechanical properties of rocks

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 12, abstract 8 A 63. (In the Symposium: 'Probl. tektonofiziki' ('Problems of Tectonophysics'), M., Gosgeoltekhizdat, 1960, 38-50).

TEXT: The strength of rocks depends on their porosity and structure; for instance in the limestone of the lower carbon of the sub-Moscow region it was found that the compressive strength of the limestone decreases with increasing porosity. In sandstone the strength depends to a large extent on its composition and on the content of cement. The problem of rational characterisation of the physico-mechanical properties of rocks has not so far been finally solved. In its solution, one should mention the following three tendencies: a) application of methods seldom used in the study of rocks (study of differential porosity, ✓

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Methods of studying physico- ... S/169/62/000/008/008/090
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elasticity, plasticity, etc); b) development of methods used in characterisation of rocks for technical purposes (crushing, shock and shear); and c) development of fast methods. As a result of experimentation with marble, barites and other rocks, it was shown that there is a strong influence of multilateral compression on the structure of the rocks and minerals. During the process of deformation, in samples occur changes of the internal structure. The presently available data about the physico-mechanical properties of rocks are of fragmentary nature. Ways of further studying the physico-mechanical properties are suggested. ✓

[Abstractor's note: Complete translation.]

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*ZALESSKIY, B.V.; SANINA, E.A.

Determination of the permeability of massive rocks. Trudy
IGEM no.43:111-119 '61. (MIRA 14:10)
(Rocks--Permeability)

ZALESSKIY, B.V.; SANINA, Ye.A.

Effect of various aggressive factors on the distribution in
carbonate rocks of pores according to their size. Trudy
IGEM no.43:18-24 '61. (MIRA 14:10)
(Rocks, Carbonate) (Porosity)

ZALESSKIY, B.V.; TIMCHENKO, I.P.

Physicomechanical properties of certain types of massive
essentially quartz rocks. Trudy IGEM no.43:33-46 '61.
(Quartz) (MIRA 14:10)

VOL'FSON, F.I.; LUKIN, L.I.; ZALESSKIY, B.V.; ROZANOV, Yu.A.

Role of the study of the structures of ore deposits and of the
physicomechanical properties of **rocks in the determination of conditions**
of localization of endogenic ore deposits. Trudy IGEM no.41:5-14
'61. (MIRA 14:8)

1. Laboratoriya struktur rudnykh poley i mestorozhdeniy Instituta
geologii rudnykh mestorozhdeniy, petrografii, mineralogii i
geofiziki i Laboratoriya fiziko-mekhanicheskikh issledovaniy
gornyykh porod Instituta **geologii rudnykh** mestorozhdeniy, petrografii,
mineralogii i geofiziki.

(Ore deposits)

BELYANKINA, Ye.D.; GUR'YEVA, E.Ya.; IGHATOVA, M.D.; PETROV, V.P.;
TOLSTIKHINA, K.I.; AFANAS'YEV, G.D., glavnyy red.; ZALESSKIY, B.V.,
kand.geol.-min.nauk, otv.red.; MAKUNI, Ye.V., tekhn.red.

[Genesis and types of commercial muscovite] Tenezis i tipizatsii
promyshlennogo muskovita. Moskva, Izd-vo Akad.nauk SSSR, 1958.
152p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozh-
denii, petrografii, mineralologii i geokhimii. Trudy no.12)
(MIRA 11:12)

(Muscovite)

ZALESSKIY, B. V. and O. N. KOROTKOVA

"Study of the Effect of Porosity on Frost-resistance of Rocks" p. 166

~~7098633-0000 Structure of tyrosine kinase containing SH2 and SH3
domains~~

Transactions of the Fifth Conference on Experimental and Applied Mineralogy and Petrography, Trudy ... Moscow, Izd-vo AN SSSR, 1958, 516pp.

reprints of reports presented at conf. held in Leningrad, 26-31 Mar 1956. The purpose of the conf. was to exchange information and coordinate the activities in the fields of experimental and applied mineralogy and petrography, and to stress the increasing complexity of practical problems.

ZALESSKIY, D.A. (Okha Sakhalinskoy obl.)

Unit for heating pipe before applying insulating mastic.
Stroi. truboprov. 8 no.6:29 Je '63. (MIRA 16:7)

1. Glavnyy mekhanik upravleniya montazhnykh rabot tresta
Sakhalinspetsneftestroy.
(Pipelines--Design and construction)

ZALESSKIY, D.M.

~~University botanical garden. Vest. LGU 2 no.9:179 '47.~~
(MIRA 12:9)
(Leningrad--Botanical gardens)

NAZAREVSKIY, S.I.; MAKAROV, S.N.; PILIPENKO, F.S.; GERASIMOV, M.V.; IL'INSKAYA, M.L.; VEKSLER, A.I., [deceased]; VASIL'YEV, I.M.; IL'INA, N.V.; SOKOLOV, S.Ya.; LOZINA-LOZINSKAYA, A.S.; SAAKOV, S.G.; ZALESSKIY, D.M.; AYVORIN, N.A.; IVANOV, M.I.; PRIKLADOV, N.V.; SOBOLEVSKAYA, K.A.; SALAMATOV, M.N.; MALINOVSKIY, P.I.; LUCHNIK, A.I.; KRAVCHENKO, O.A.; VEKHOV, N.K.; GROZDOV, B.V.; MASHKIN, S.; BOSSE, G.G.; PALIN, P.S., (g. Shuya, Ivanovskoy oblasti); MATUKHIN; ZATVARNITSKIY, G.F.; GRACHEV, N.G.; CHERKASOV, M.I.; KIRKOPULO, Ye.N.; LEVITSKAYA, A.M.; GRISHKO, N.N.; LIKHVAR', D.F. VIL'CHINSKIY, N.M.; LYPA, A.L.; OREKHOV, M.V.; SHCHERBINA, A.A.; TSYGANKOVA, V.Z.; BARANOVSKIY, A.L.; GEORGIYEVSKIY, S.D.; STEPUNIN, G.A. OZOLIN, E.P.; LUKAYTENE, M.K.; KOS, Yu.I.; VAIL'YEV, A.V.; RUKHADZE, P.Ye.; VASHADZE, V.N.; SHANIDZE, V.M.; MANDZHAVIDZE, D.V.; KORKESHKO, A.L.; KOLESHNIKOV, A.I., (g. Sochi); SERGEYEV, L.I.; VOLOSHIN, M.P.; RYBIN, V.A.; IVANOVA, B.I.; RYABOVA, T.I.; GAREYEV, E.Z.; RUSANOV, P.N.; BOCHANTSEVA, Z.P.; BLINOVSKIY, K.V.; KLYSHEV, L.K.; MUSHEGOYAN, A.M.; LEONOV, L.M.

Talks given by participants in the meeting. Biul.Glav.bot.sada no.15:
85-182 '53. (MLRA 9:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR (for Makarov, Pilipenko, Gerasimov, Il'inskaya, Veksler); 2. Akademiya komunal'nogo khozyaystva imeni K.D. Pamfilova for Vasil'yev); 3. Vsesoyuznaya sel'skokhozyaystvennaya vystavka (for Il'ina); 4. Botanicheskiy sad Botanicheskogo instituta imeni V.L. Komarova Akademii nauk SSSR (for Sokolov, Lozina-Lozinskaya, Saakov); 5. Botanicheskiy sad Leningradskogo
(continued on next card)

. NAZAREVSKIY, S.L.---(continued) Card 2.

gosudarstvennogo ordena Lenina universiteta (for Zalesskiy); 6. Pol-yarno-Al'piyskiy botanicheskiy sad Kol'skogo filiala imeni S.M. Kirova Akademii nauk SSSR (for Avrorin); 7. Botanicheskiy sad pri Tomskom gosudarstvennom universiteta (for Ivanov); 8. Botanicheskiy sad pri Tomskom gosudarstvennom universiteta imeni V.V. Kuybysheva (for Prikladov); 9. Tsentral'nyy Sibirskiy botanicheskiy sad Zapadno-Sibirskogo filiala Akademii nauk SSSR (for Salamatov, Sobolevskaya); 10. Botanicheskiy sad Irkutsko gosudarstvennogo universiteta imeni A.A. Zhdanova (for Malinovskiy); 11. Altayskaya plodovo-yagodnaya opyt-naya stantsiya (for Luchnik); 12. Bashkirskiy botanicheskiy sad (for Kravchenko); 13. Lesostepnaya selektsionnaya opyt-naya stantsiya dekorativnykh kul'tur tresta Goszelenkhoz Ministerstva kommunal'nogo kho-zyaystva RSFSR (for Vekhov); 14. Bryanskiy lesokhozyaystvennyy insti-tut (for Grozdov); 15. Botanicheskiy sad pri Voronezhskom gosudar-stvennom universitete (for Mashkin); 16. Orekhovo-Zuyevskiy pedago-gicheskiy institut (for Bosse); 17. Botanicheskiy sad pri Rostovskom gosudarstvennom universitete imeni V.M. Molotova (for Matukhin); 18. Botanicheskiy sad Kuybyshevskogo gorodckogo otdela narodnogo obrazo-vaniya (for Zatvarnitskiy); 19. Zoobotanicheskiy sad pri Kazanskom universitete (for Grachev); 20. Gosudarstvennyy respublikanskiy proektnyy institut "Giprokommunistroy" (for Cherkasov); 21. Botani-cheskiy sad Odesskogo gosudarstvennogo universiteta imeni I.I. Mechni-kova (for Kirkopulo); 22. Botanicheskiy sad pri Dnepropetrovskom gosudarstvennom universitete (for Levitskaya); 23. Botanicheskiy sad
(continued on next card)

NAZAREVSKIY, S.L.---(continued) Card 3.

Akademii nauk USSR (for Grishko, Likhvar', Vil'chinskiy); 24. Kiyevskiy sel'skokhozyaystvennyy institut (for Lypa); 25. Botanicheskiy sad Chernovitskogo gosudarstvennogo universiteta (for Orekhov); 26. Botanicheskiy sad pri L'vovskom gosudarstvennom universitete imeni Iv. Franko (for Shcherbina); 27. Botanicheskiy sad Khar'kovskogo gosudarstvennogo universiteta imeni A.M. Gor'kogo (for TSygan-kova); 28. Botanicheskiy sad Zhitomirskogo sel'skokhozyaystvennogo instituta (for Baranovskiy); 29. Botanicheskiy sad Akademii nauk Belorusskoy SSR (for Georgiyevskiy); 30. Institut biologii Akademii nauk Belorusskoy SSR (for Stepunin); 31. Botanicheskiy sad Akademii Litovskoy SSR (for Lukaytene); 32. Botanicheskiy sad Latvyskogo gosudarstvennogo universiteta (for Ozolin); 33. Kabardinskiy krayevedcheskiy botanicheskiy sad (for Kos); 34. Sukhumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Vasil'yev, Rukhadze); 35. Batumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Shanidze); 36. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Mandzhavidze); 37. Sochinskiy park Dendrariy (for Korkeshko); 38. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni V.M. Molotova (for Sergeyev, Voloshin); 39. Krymskiy filial Akademii nauk SSSR (for Rybin); 40. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Ivanova); 41. Botanicheskiy sad Botanicheskogo instituta Akademii nauk Tadzhikskoy SSR (for Ryabova); 42. Botanicheskiy sad Kirgizskogo filiala Akademii nauk SSSR (for Gareyev); 43. Botanicheskiy
(continued on next card)

. NAZAREVSKIY, S.I.---(continued) Card 4.

sad Akademii nauk Ustekskey SSR (for Rusanov, Bochantseva); 44.
Botanicheskiy sad Akademii nauk Turkmenskoy SSR (for Blinovskiy);
45. Respublikanskiy sad Akademii nauk Kazakhskoy SSR (for Klyshev,
Mushegyan).

(Botanical gardens)

3(7), 10(4)

SOV/50-59-10-9/25

AUTHOR: Zalesskiy, F. V.

TITLE: On the Method Employed for the Determination of Rainfalls at a Given Rain Cap

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 10, pp 28 - 31 (USSR)

ABSTRACT: The glavnoye upravleniye gidrometeoslužby (Main Administration of the Hydrometeorological Service) decided to prepare for impression in 1958-1959 all data on precipitations recorded by means of pluviographs since 1936. In this connection, the Gosudarstvennyy gidrologicheskiy institut (State Hydrological Institute) specified the method used for the evaluation of pluviograph recordings (Ref 2). The quantities of cloud-burst rains (intensity, length, and rain cap (obespechennost')) are defined by the formula

$$a = \frac{S}{t^n} \quad \text{by G. A. Alekseyev (Ref 1). The authors indicate the}$$

disagreement of the individual methods used for the evaluation of data on the drainage with those on precipitations, and suggest a method permitting a determination of the intensity S.

Card 1/2

On the Method Employed for the Determination of Rainfalls SOV/50-59-10-9/25
at a Given Rain Cap

The rain of maximum intensity is to be chosen for each year, and the resultant data are then to be evaluated by the method of mathematical statistics. Thus, the values of maximum intensity are chosen for the period in which rain floods occur, without consideration of spring floods. Different data of maximum intensity are chosen for the period in which mixed floods occur as well as floods caused by snow-break. This is a simple and precise method which does not lead to any large correlation tables on the intensity and duration of rainfalls for the determination of the relation $S = f(N)$. Further, it does not include the unjustified assumption $S = A + B \lg N$ as is the case with the present method which is based on "all" rainfalls. There are 1 figure, 1 table and 2 Soviet references.

Card 2/2

KESEL'MAN, R.; ZALESSKIY, G., inzh.

Waste in mining expenditures. Fin.SSSR 21 no.4:69-71
Ap '60. (MIRA 13:4)

1. Zamestitel' nachal'nika otдела Ukrainskoy kontory Stroybanka
(for Kesel'man).
(Ukraine--Coal mines and mining--Finance)

ZALESSKIY, G.A., elektromekhanik

~~UGIA-16-U~~ universal group cell of dispatcher control. Avtom., telem.
i svyaz! no.9:31-32 S '57. (MIRA 11:4)

1. Ziminskaya distantziya signalizatsii i svyazi Vostochno-Sibirskoy
dorogi.

(Railroads--Communication systems)

2. ALESSKIY, G.D.

~~ZALESSEKIY, G.D.~~

Problems in the etiology and pathogenesis of rheumatic fever. Sov.
med. 19 no.12:3-14 D '55. (MIRA 10:9)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. G.D.Zelesskiy)
Novosibirskogo meditsinskogo instituta
(RHEUMATIC FEVER)

ZALESSKIY, G.D., professor

Permeability of the capillaries and of the connective tissue in
pathogenesis of rheumatism. Terap.arkh. 27 no.1:3-10 '55.
(MLRA 8:7)

1. Iz Novosibirskogo meditsinskogo instituta (dir. prof. G.D.
Zalesskiy).

(RHEUMATISM, etiology and pathogenesis,
capillary & connective tissue permeability)

(CONNECTIVE TISSUE,
permeability in etiol. of rheum)

(CAPILLARY PERMEABILITY, in various diseases,
rheum., pathogen. aspects)

ZALESSEKIY, G.D., prof.

Urgent problems of the etiology and pathogenesis of rheumatic
fever. Trudy Novosib.gos.med.inst. 27:3-38 '57. (MIRA 12:9)

(RHEUMATIC FEVER)

ZALESSKIY G. D.

USSR / General Problems of Pathology. Pathophysiology U
of Infection.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41926.

Author : ~~Zalesskiy, G. D.~~ Kaznacheyev, V. P. Belov, G. F.
Inst : Novosibirsk Medical Institute, *Chair Faculty therapy (MD) Prof Zalesskiy*
Title : On the Presence of Specific Antigens in the Blood
of Rheumatic Patients.

Orig Pub: Tr. Novosibirskogo med. in-ta, 1957, 27, 39-47.

Abstract: Guinea pigs were sensitized with serum from patients acutely ill with rheumatism (SR). Twenty to twenty-two days later, desensitization with serum of healthy subjects (SH) was carried out. No apparent anaphylactic reaction was observed when, on the following day, SH was injected into the heart; however, intracardial injection of the same 20 guinea pigs with SR (0.1ml) 2 hours later,

Card 1/2

ZALESSEKIY, G.D., prof.

Effect of blood serum from rheumatic fever patients on capillary permeability. Trudy Novosib.gos.med.inst. 27:287-301 '57.
(MIRA 12:9)

(CAPILLARIES--PERMEABILITY) (SERUM)
(RHEUMATIC FEVER)

ZALESSESKIY, G.D., prof.; BELOV, G.F., assistant

Presence of and quantitative determination of hyaluronic acid
in blood serum in rheumatic fever and other diseases. Trudy
Novosib.gos.med.inst. 27:302-311 '57. (MIRA 12:9)

1. Iz kafedry fakul'tetskoy terapii (zav.kafedroy prof. G.D.
Zalesskiy) Novosibirskogo meditsinskogo instituta.
(HYALURONIC ACID) (SERUM) (RHEUMATIC FEVER)

ZALESSEY, G.D., prof.

Most important problems at the Third European Congress of
Rheumatologists. Trudy Novosib.gos.med.inst. 27:400-414
'57. (MIRA 12:9)

(RHEUMATIC FEVER--CONGRESSES)

ZAIKSSKIY, G.D., prof., VOROB'YEVA, N.N., prof., PIROGOVA, O.I., SHURIN, S.P.
KAZNACHISYEV, V.P., YAVOROVSKAYA, B.Ye., FEDOROV, A.I., MOSOLOV, A.H.

Specific agent inducing rheumatic fever. Report No.1: Some data
on a filtrable virus isolated in rheumatic fever. Terap. arkh.
30 no.5:3-15 My '58 (MIRA 11:6)

1. Is Novosibirskogo meditsinskogo instituta.
(RHEUMATIC FEVER, microbiology,
isolation & infect. of animals with specific virus (Rus))
(VIRUSES,
isolation & infect. of animals with specific rheum.
virus (Rus))

ZALESSKIY, G.D., prof.

Advances in the study of the pathogenesis of rheumatic fever.
Sov.med. 23 no.1:37-42 Ja '59. (MIRA 12:2)

1. Is kafedry fakul'tetskoy terapii Novosibirskogo meditsinskogo
instituta.

(RHEUMATISM, etiol. & pathogen.
mechanisms of develop. (Rus))

ZALESSKIY, G.D. and VOROBYEVA, N.N.

"The Role of the Filtrable Virus Isolated From Rheumatic Patients in the Etiology of this Disease."

presented at the 4th European Rheumatological Congress, Istanbul, Turkey, 28-30 Sep '59.

DREYZIN, R.S.; YAVOROVSKAYA, V.Ye.; BALANDINA, A.M.; SHURIN, S.P.;
~~VORON~~YEVA, N.N.; MOSOLOV, A.N.; ZALESSKIY, G.D.; ZHDANOV, V.M.

Group of new virus strains, the so-called R virus. Vop. virus. 6
no.5:521-532 S-0 '61. (MIRA 15:1)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva i
Novosibirskiy meditsinskiy institut, Novosibirsk.
(VIRUSES)

VOROV'YEVA, N.N.; ZALESSEKIY, G.D.

Role of filterable viruses in the etiology of rheumatic fever.
Vop.virus. 7 no.3:268-273 My-Je '61. (MIRA 14:7)

1. Novosibirskiy meditsinskiy institut.
(RHEUMATIC FEVER) (VIRUSES)

ZALESSKIY, G.D.; VOROB'YEVA, N.N.; YAVOROVSKAYA, V.Ye.; SHURIN, S.P.;
BALANDINA, A.H.; ZHDANOV, V.M.; DREYZIN, R.S.

Study of filtrable viruses isolated from rheumatic patients.
Vest.AMN SSSR 17 no.9:85-93 '62. (MIRA 15:12)
(RHEUMATIC FEVER---MICROBIOLOGY) (VIRUSES)

DREYZIN, R.S.; ZUBOVA, Z.F.; YAVOROVSKAYA, V. Ye.; BOCHAROV, Ye.F.;
FOKINA, G.I.; BALANDINA, A.M.; ROZINA, E.E.; VOROB'YEVA, N.N.;
ZALESSKIY, G.D.; ZHDANOV, V.M.

Serological properties and pathogenicity of the R-virus in
suckling mice. Vop. virus 9 no.4:462-468 J1-Ag '64

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR,
Moskovskiy nauchno-issledovatel'skiy institut virusnykh
preparatov i Novosibirskiy meditsinskiy institut.

ZALESSKIY, I. F. (Chief Vet., Ovodnovsk raion, Volyn oblast)

"Determination of foaling of mares with the aid of vaginal mirror."

SO: Vet. 25 (7), 1948, p. 37

ZALESSEKIY, I.F., veterinarnyy vrach (Stantsiya Pogrebishche, Vinnitskoy oblasti).

Treating infectious vaginitis in cows. Veterinariia 34 no.7:92
J1 '57. (MLRA 10:8)

(Cows--Diseases and pests)
(Vagina--Diseases)

SOV/47-59-3-27/53

22(1)

AUTHOR: Zalesskiy L.A.

TITLE: How to Light a Fluorescent Lamp With Burnt-Out Filament

PERIODICAL: Fizika v shkole, 1959, Nr 3, p 75 (USSR)

ABSTRACT: A luminescent lamp with burnt-out filament can be lighted if a tension of 300 to 350 volts is applied from a step-up transformer. After the lamp is switched on and off several times, it finally lights up. After burning 1-2 minutes at an increased voltage, the lamp is changed over to the rated voltage. The switching must be performed quickly, so that the heated electrodes will not cool. If the lamp goes out, the switching on and off of the current must be repeated at the rated voltage.

ASSOCIATION: 1-ya srednyaya shkola, Nikolayevsk-na-Amure
(1st Secondary School, Nikolayevsk-na-Amure)

Card 1/1

TAVGER, B.A. (g.Gor'kiy); ZALESSKIY, L.A.

Correspondence with the readers. Fiz.v shkole 20 no.4:98-99
Jl-Ag '60. (MIRA 13:8)

1. 1-ya srednyaya shkola, g.Nikolayevsk-na-Amure.
(Light--Speed) (Electric meters)

Zalesskiy L.A.

AUTHOR: Zalesskiy, L.A. (Nikolayevsk-na-Amure)

47-6-20/37

TITLE: A Method of Sooting Glass (Sposob zakoptit' steklo)

PERIODICAL: Fizika v Shkole, 1957, # 6, page 63 (USSR)

ABSTRACT: If the teacher has no turpentine at his disposal which gives a strongly smoking flame, a mixture of avtol (an automobile lubricating oil) and gasoline may be used. A piece of cotton-wool is soaked with the mixture and lit. It produces a lot of soot which sets well on the glass.

ASSOCIATION: 1st Secondary School, Nikolayevsk-na-Amure (1-ya srednyaya shkola, Nikolayevsk-na-Amure).

AVAILABLE: Library of Congress

Card 1/1

ZALESSKIY, L.G., inzh.; SREBNYY, Yu.L., inzh.; IL'IN, I.P., inzh.,
retsenzent; SKLYAROV, Yu.N., inzh., red.; DROZDOVA, N.D.,
tekhn. red.

[Electric circuits of the ER1 and ER2 electric trains]
Elektricheskie skhemy elektropoездov ER1 i ER2. Moskva,
Transzheldorizdat, 1963. 69 p. (MIRA 17:2)

ZALESSKIY, Lev Grigor'evich; ARGUTINSKIY, E.N., inzh., red.;
BOBROVA,, Ye.M., tekhn. red.

[Electric networks for the ER7 electric train]Elektricheskie
skhemy elektropoezda ER7. Moskva, Transzheldorizdat, 1962.
53 p. (MIRA 16:1)

(Electric railroads--Wires and wiring)
(Electric railroads--Current supply)
(Electric railway motors)

KAPUSTIN, Leonid Davydovich, inzh.; ZALESSKIY, Ley Grigor'yevich, inzh.;
GLUSHKOV, Mikhail Tikhonovich, inzh.; SHIRYAYEV, A.P., red.;
MEDVEDEVA, M.A., tekhn.red.

[ER electric train with regenerative rheostatic braking] Elektro-
poezd ER s rekuperativno-reostatnym tormozheniem. Moskva, Vses.
izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia, 1960.
90 p. (MIRA 14:1)

(Electric railroads--Brakes)

ZALESSKIY, L. G.

BARSKIY, M.R., kandidat tekhnicheskikh nauk; ZALESSKIY, L.G., ~~inventor~~.

The ER-1 electric train; equipment and circuits. ~~Blot.~~ 1 topl.
tiaga no.3:13-18 Mr '57. (MERA 10:6)

(Electric locomotives)

BARSKIY, Moisey Rafailovich, kand. tekhn.nauk; GLUSHKOV,
Mikhail Tikhonovich, inzh.; GONCHAROV, Konstantin
Borisovich, inzh.; ZALESSKIY, Lev Grigor'evich,
inzh.; LALETIN, Geryat Pavlovich, inzh.; LINYUK,
Leonid Savvovich, inzh.; KAPUSTIN, L.D., red.

[The ER9 electric train] Elektropoezd ER9. [By] M.R.
Barskii i dr. Moskva, 1964. 239 p. (MIRA 18:1)

ZALESSKIY, L.M., doktor tekhnicheskikh nauk, professor (Leningrad)

Meeting on high-voltage circuit breakers. Elektrichestvo no.2:
91 F '56. (MLRA 9:5)
(Electric circuit breakers)

ZALESSKIY, L.P.

Rapid diagnosis of paratyphoid toxic infections. Veterinariia 37
no.3:88-90 Mr '60. (MIRA 16:6)
(Paratyphoid fever)

ZALESSKIY, L. P., KUZMIN, N. A. and LARIONOV, A. P.

"The quickest finding of paratyphoid bacteria in meat."

Veterinariya, Vol. 37, No. 5, 1960, p. 85

Zalesskiy - Sr. Sci. Collaborator

ZALESSKIY, L. P. (Veterinary Doctor). (Abstracted by V. A. ALIKAYEV)

"Simultaneous use of two nutrient media in one test tube..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 82

ZALESSKIY, M.

Disseminate the live word among people. Sov. profsoiuzy 19 no.18:
25-26 S '63. (MIRA 16:12)

1. Zaveduyushchiy lektorskoy gruppoy Belorusskogo respublikanskogo
soveta professional'nykh soyuzov, Minsk.

ZALESSKIY, M.; GOROKHOVSKIY, B.

Centralize the transportation of money to state farm enterprises.
Den. i kred. 19 no.4:68-69 Ap '61. (MIRA 14:3)

1. Glavnyy bukhgalter Zaporozhskogo sovnarkhoza (for Zalesskiy).
2. Zamestitel' nachal'nika finansovogo otdela Zaporozhskogo sovnarkhoza (for Gorokhovskiy).
(Zaporozh'ye Province—Payment)
(Banks and banking)

ZALESSKIY, M. G.:

ZALESSKIY, M. G.: "The use of the Zhukov lever for determination of the reactions of kinematic pairs of mechanisms." Min Higher Education Ukrainian SSR. Dnepropetrovsk Order Red Banner Metallurgical Inst imeni I. V. Stalin. Khar'kov, 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE).

So.: Knizhnaya Letopis' Moscow No. 1956.

ZALESSKIY, Yu. M.

PA 23/49T93

USSR/Medicine - Insects
Medicine - Fossils

Nov 48

"The Disappearance of a Known Location of Fossil
Insects in the Urals," Yu. M. Zaleskiy, 3/4 p

"Priroda" No 11

Famous deposit of fossilized Permian insects on
Sylva River was destroyed in spring floods of
1946.

23/49T93

BEZVESEL'NIY, Yefim Semenovich; KOSTYUK, A.P., dots., kand. tekhn. nauk, retsenzent; ZALESSKIY, M.Yu., dots., kand. tekhn. nauk, retsenzent; LITVIN, G.I., dotsent, kand. tekhn. nauk, otv.red.; KURILOVA, T.M., red.; TROFIMENKO, A.S., tekhn. red.

[Examples of course projects in the theory of mechanisms and machinery]
Kursovoe proektirovanie po teorii mekhanizmov i mashin v primerakh.
Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1960. 522 p.
(MIRA 14:9)

(Mechanical engineering—Study and teaching)

TRUSOV, Grigoriy Martynovic [1889-1960]; ZALESSKIY, N.A., kand. tekhn. nauk, retsenzent; MATVEYEV, V.I., kontr-admiral, retsenzent; YEGOROV, S.A., nauchn. red.; KAZAROV, Yu.S., red.; KOROVENKO, Yu.N., tekhn. red.

[Submarine boats in the Russian and the Soviet fleets] Podvodnye lodki v russkom i sovetskom flote. Izd.2., ispr. i dop. Leningrad, Sudpromgiz, 1963. 439 p. (MIRA 17:2)

ZALESSKIY, N.A.

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